



Department of Public Safety

Division of Fire Safety

Barre Administrative Office

1311 US Route 302 – Barre – Suite 500

Barre, VT 05641

Firesafety.vermont.gov

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December 12th, 2013

Dubois Construction

46 Three Mile Bridge Road

Middlesex, VT 05602

Attn: Wayne Lamberton

Re: Sprinkler System Variance Request

Location: Dubois Construction
46 Three Mile Bridge Road
Middlesex, VT 05602

Site: 91778

Project: 357604

Wayne Lamberton,

I am in receipt of your variance request to waive the requirement to install a complete sprinkler system required by the IBC (International Building Code) 2012, Section 903.2.9.1 for Group S-1 Storage Occupancies / Repair Garages with a fire area in excess of 5,000 sq. ft.

Under the provisions of the 2012 Vermont Fire & Building Safety Code, Section 8, a variance may be granted, when the applicant can demonstrate evidence that strict compliance with the Code would entail practical difficulty, unnecessary hardship or otherwise found unwarranted. Evidence must also be submitted that any such variance or exemption secures the public safety and health and that the methods, means or practices proposed provide equal protection of the public safety and health.

Code Requirement:

IBC 2012 Edition, Section 903.2.9.1 Group S-1/Repair Garages

An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1/Repair Garages occupancy where one of the following conditions exist:

- 4.) A Group S-1 fire area used for the repair of commercial trucks and buses where the fire area exceeds 5,000 square feet.

Considerations:

- 1.) The proposed 1700 sq. ft. business section of the building will be separated from the 6300 sq. ft. repair garage section utilizing a two (2) hour fire rated wall assembly.
- 2.) There is no municipal water available to this building.
- 3.) The owner has agreed to install an automatic fire alarm, with emergency forces notification.
- 4.) The new building will have a total of 8,000 sq. ft. and be an IIB construction type.
- 5.) The owner has included with the variance request, signed documentation that he intends to utilize the repair garage section in accordance with the definition of NFPA 1, 2012 Edition, Section 3.3.182.24.2 "Minor Repair Garage".

After review of the above considerations, the requested variance is hereby Approved.



Therefore, construction on this project is allowed to move forward as detailed in the construction permit letter. A separate construction permit application for the automatic fire alarm, plans and fees must be submitted and approved by this office.

For the Division of Fire Safety,

A handwritten signature in black ink, appearing to read "R. T. Sponable", written in a cursive style.

Robert T. Sponable
Asst. State Fire Marshal
Barre Regional Manager

Cc: Glenn Moore, Assistant State Fire Marshal
Regional Managers

Site: 91778/Project: 357604